

PA 700B Adv. MEDICAL VENTILATOR

Superior Ventilation From Experience



Designed for respiratory care

Looking for high-caliber mechanical ventilation that delivers competent responsive respiration therapy, that doesn't break the bank?



- 1 3 section articulated adjustable support arm
- 2 Built-in high visibility 10.4 inch TFT color display
- 3 Lightweight reusable clear breathing mask
- 4 Quick response infrared flow sensors
- 5 Oxygen flush release
- 6 Flexible easy-to-secure breathing circuit
- 7 9 level adjustable humidifier
- 8 Professional medical grade air compressor
- 9 Swivel wheels with caster contact brakes

Comprehension At A Glance

The built-in 10.4 inch TFT color display offers a simple and convenient method for users to view detailed relevant patient status information in a timely and easily accessible manner.



I Real time status indication

In the medical environment, it's often critical to stay abreast of changes and developments in information. This is why we created a display system for the PA 700B Adv., that succinctly and clearly provides real time notifications on the status of the patient, the alarms, the ventilation process, as well as the ventilator itself.

II Intuitive UI display

The trimmed down intuitive user interface of the PA 700B Adv. designed with accessibility and convenience in mind, allows users to effortlessly toggle between patient parameters, system settings, Pressure-Time, Flow-Time, Pressure-Volume and Flow-Volume waveforms at the touch of a button.

PA 700B Adv. TECHNICAL SPECIFICATION

General Specifications

Patient type	Adult & pediatric patients
Dimensions (H x W x D)	124 cm x 67 cm x 60 cm
Weight	77 kg (with PA air compressor attached)
Power	220-240 V, 50-60 Hz (well grounded)
Backup power	At least 30 minutes, nominally between 2 to 4 hours
Display	10.4 inch TFT display

Ventilator

Tidal volume	Adjustable range: 50-1500 ml, Display range: 0-2000 ml
Respiratory rate	1-99 bpm
Inspiratory pressure limit	10-60 cmH2O
Ventilation modes	Manual, Spontaneous, Standby, Assist/Control (A/C), Intermittent Positive Pressure Ventilation (IPPV), Synchronized Intermittent Positive Pressure Ventilation (SIPPV), Intermittent Mandatory Ventilation (IMV), Synchronized Intermittent Mandatory Ventilation (SIMV)
Minute volume	≥ 18 L/min BTPS
Trigger Sensitivity	Pressure: -10-10 cmH2O
SIMV Rate	1-20 bpm
Inspiration/Expiration ratio (I:E)	4:1-1:4
Inspiratory time	0.1-2.0 s
PEEP	0-10 cmH2O
Oxygen & AIR inlet pressure range	280-600 kPa
O2 concentration	21-100 %
SIGH	1-8 per 100 breaths (tidal volume set at 1.5 x)

Compressor & Humidifier

Humidifier	9 level adjustable nebulization
Compressor power	220 V, 50 Hz 700 VA (well grounded)
Compressor gas pressure	0.3-0.5 MPa
Output gas flow	Continuous ≥ 20 L/min, Instantaneous ≥ 60 L/min

Other Specifications

Monitoring	Tidal volume, minute volume, control frequency, spontaneous respiration rate, airway pressure, I:E, inhalation & exhalation status, Inspiratory, lung, inhaled oxygen concentration, PEEP, airway resistance, trigger, compliance & more
Alarm	Audible and/or visual alarms for ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure & more, also features a alarm query function